

Layout of an Output Page

This document gives an overview of the statements that may be used to define a specific layout for a report.

The following topics are covered:

- Statements Influencing a Report Layout
- General Layout Example

Statements Influencing a Report Layout

The following statements have an impact on the layout of the report:

Statement	Function
WRITE TITLE	With this statement, you can specify a page title, that is, text to be output at the top of a page. By default, page titles are centered and not underlined.
WRITE TRAILER	With this statement, you can specify a page trailer, that is, text to be output at the bottom of a page. By default, the trailer lines are centered and not underlined.
AT TOP OF PAGE	With this statement, you can specify any processing that is to be performed whenever a new page of the report is started. Any output from this processing will be output below the page title.
AT END OF PAGE	With this statement, you can specify any processing that is to be performed whenever an end-of-page condition occurs. Any output from this processing will be output below any page trailer (as specified with the WRITE TRAILER statement).
AT START OF DATA	With this statement, you specify processing that is to be performed after the first record has been read in a database processing loop. Any output from this processing will be output before the first field value.
AT END OF DATA	With this statement, you specify processing that is to be performed after all records for a processing loop have been processed. Any output from this processing will be output immediately after the last field value .
DISPLAY / WRITE	With these statements, you control the format in which the field values that have been read are to be output. See section Statements DISPLAY and WRITE.

The relevance of the statements AT START OF DATA and AT END OF DATA for the output of data is described under Database Access, AT START/END OF DATA Statements. The other statements listed above are discussed in other parts of the section Output of Data.

General Layout Example

The following example program illustrates the general layout of an output page:

```

** Example Program 'OUTPUX01'
DEFINE DATA LOCAL
1 EMP-VIEW VIEW OF EMPLOYEES
  2 NAME
  2 FIRST-NAME
  2 BIRTH
END-DEFINE
*
WRITE TITLE '***** Page Title *****'
WRITE TRAILER '***** Page Trailer *****'
```

```

AT TOP OF PAGE
  WRITE '===== Top of Page ====='
END-TOPPAGE
AT END OF PAGE
  WRITE '===== End of Page ====='
END-ENDPAGE
READ (10) EMP-VIEW BY NAME
  DISPLAY NAME FIRST-NAME BIRTH (EM=YYYY-MM-DD)
  AT START OF DATA
    WRITE '>>>> Start of Data >>>>'
  END-START
  AT END OF DATA
    WRITE '<<<< End of Data <<<<'
  END-ENDDATA
END-READ
END

```

***** Page Title *****		
===== Top of Page =====		
NAME	FIRST-NAME	DATE OF BIRTH

>>>> Start of Data >>>>		
ABELLAN	KEPA	1961-04-08
ACHIESON	ROBERT	1963-12-24
ADAM	SIMONE	1952-01-30
ADKINSON	JEFF	1951-06-15
ADKINSON	PHYLLIS	1956-09-17
ADKINSON	HAZEL	1954-03-19
ADKINSON	DAVID	1946-10-12
ADKINSON	CHARLIE	1950-03-02
ADKINSON	MARTHA	1970-01-01
ADKINSON	TIMMIE	1970-03-03
<<<< End of Data <<<<		
***** Page Trailer *****		
===== End of Page =====		